WESP2234

2015-2016

Strategy of the medical decision

3.0 credits	30.0 h	1q

Teacher(s) :	Kirakoya Fati (compensates Habimana Laurence) ; Robert Annie (coordinator) ; Habimana Laurence ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	The first part addresses the use and interpretation of diagnostic tests. That includes the basic characteristics (sensitivity, specificity, predictive value) ; the potential biases ; the ROC curves ; the Bayesian analysis ; the threshold probabilities. The second part analyzes the expected outcomes from a test or a treatment : utility concept, life expectancy. The third part includes clinical reasoning, decision-making, and cost-efficacy. These concepts are illustrated by clinical exemples taken from the diagnostic procedures used in medicine.
Aims :	To teach the rationale of the diagnostic procedure and the basis of clinical reasoning, using methods taken from epidemiology and statistics. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Other infos :	Written examination. References : 1. Sox HC, Medical decision making, Butterworths ; 2. Grenier B, Evaluation de la décision médicale, Masson ; 3. Kassirer JP et Kopelman RI, Learning clinical reasoning, Williams & Wilkins ; 4. Friedland DJ et al, Evidence-based medicine, Lange ; 5. Weinstein, Clinical decision analysis, Saunders.
Faculty or entity in charge:	FSP

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Biomedical Engineering	GBIO2M	3	-	
Master [120] in Statistics: Biostatistics	BSTA2M	3	-	
Master [120] in Public Health	ESP2M	3	-	
Master [120] in Biomedicine	SBIM2M	3	-	
Master [240] in Medecine	MED2M	3	-	
	DETR9CE	3	-	
	DEPE9CE	3	-	
	DEPR9CE	3	-	
Master [180] in Medecine	MD2M	3	-	